

FIGURE 3C (1:11, LIGHT CHAIN) [SEQ ID NO.:]

GAGCTCAGC AGTCTCCAGG CACCCTGTCT TTGTCTCCAG GGGAAAGAGC CACCCTCTCC TGCAGGGCCA
GTCAGAGTGT TAGGAGCAAC TACTTAGCCT GGTACCAGCA AAAACCTGGC CAGGCTCCCA GGCTCCTCAT
CTATGGTGTA TCCAGCAGG CCACTGGCAT CCCAGACAGG TTCAGTGGCA GTGGGTCTGG GACAGACTTC
ACTCTACCA TCAGCAGACT GGAGCCTGAA GATTITGCAG TGTATTACTG TCAGCAGTAT GGTAGCTCAC
CTCGGACTTT TGGCCAGGG ACCAAGTTGG AGATCAAA

FIGURE 3D (L3, LIGHT CHAIN) [SEQ ID NO.:]

GAGCTCAGC AGTCTCCAGC CACCCTGTCT GTGTCTCCAG GGGAAAGAGC CTCCTCTCTCC TGCAGGGCCA
GTCAGAGTGT CCGTAACAAT TTAGCTTGGT ATCAGCAGAA ACCTGGCCAG GCTCCAGGC TCCTCATTTA
TGGTGGAAC ACCAGAGCCA CTGGTACCC AGACAGGTTT AGTGGCAGTG GGTCTGGGAC AGAATTCAC
CTCACCATCA GCAGCCTGCA GTCTGAGGAC TTGCGAGTTT ATTTCTGTCA ACATAATAGT ACCTGGCCGC
TCACITTCGG CGGGGGGACC AAGGTCGAGT TCAAG

BEST AVAILABLE COPY

FIGURE 3A (1:5, LIGHT CHAIN) [SEQ ID NO.:]

GAGCTCAGC AGTCTCCAGG CACCCTGTCT TTGTCTCCAG GGGAAAGAGC CACCCTCTCC TGCAGGGCCA
GTCAGAGTGT TAGCAGCAAT TACTTAGCCT GGTACCAGCA GAGACCTGGC CAGGCTCCCA GGCTCCTCAT
CTATGGTGCA TCCAGCAGGG CCACTGGCAT CCCAGACAGG TTCAGTGCCA GTGGGTCTGG GACAGACTTC
ACTCTCACCA TCAGCAGACT GGAGCCTGAA GATTTTGCAG TGTATTACTG TCAGCTTTAT GGTAACCTCAC
GTTGGAGGTT CGGCCAAGGG ACCAAGGTGG AGATCAAA

FIGURE 3B (1:7, LIGHT CHAIN) [SEQ ID NO.:]

GAGCTCACTC AGTCTCCAGC CACCCTGTCT TTGTCTCCAG GGGAAAGAGC CACCCTCTCC TGCAGGGCCA
GTCAGAGTGT TAACAAGTAC TTAGCCTGGT ACCAACAGAA ACCTGGCCAG GCTCCAGGC TCCTCATCTA
TGATGCATCC AACAGGGCCA CTGGCATCC AGCCAGGTTT AGTGGCAGTG GGTCTGGGAC AGACTTCAC
CTCACCATCA GCAACCTAGA GCCTGAAGAT TTTCAGGTTT ATTACTGTCA GCAGCGTAGC GACTGGGTCA
CTTCGGCGG AGGGACCAAG GTGGAGATCA AA

FIGURE 2E (L1, LIGHT CHAIN) [SEQ ID NO.: ____]

AEITQSPGTL SLSVGERATL SCRA^{CDR 1}SONIYS GYL^{CDR 2}GWYQQKP GQPPRLLYG ASNRAIGIPD
- RFSGSGSGTD FTLTISRLES EDFAVYCCQ^{CDR 3}Q YGSPPYTFGQ GTKVEIK

FIGURE 2F (A8, LIGHT CHAIN) [SEQ ID NO.: ____]

AEITQSPSSL SAFVGDRVTI TCRA^{CDR 1}SQ^{CDR 2}SISR NLN^{CDR 3}WYQQKPG TAPKVLIIAA SSLQSGVPSR
- FSGSGSGTDF TLTITSLQPE DFATYCCQ^{CDR 3}S YTPRIFGQG TKVEIK

FIGURE 2G (A12, LIGHT CHAIN) [SEQ ID NO.: ____]

AEITQSPGTL SLSVGERATL SCRA^{CDR 1}SQ^{CDR 2}SLSS KYLA^{CDR 3}WYQQKP GQAPRLFIYD ASSRATGIPD
- RFSGSGSGTD FTLTISRLEP EDFAVYCCQ^{CDR 3} YGTPRIFGQG TKVEIK

BEST AVAILABLE COPY

FIGURE 2C (1:11, LIGHT CHAIN) [SEQ ID NO.: 1]

CDR1
AELTQSPGTL SLSPGERATL SCGASQSVRS NLAWYQQKP QAPRLIYG VSSRATGIPD RFSGSGGTD FTLTISRLP EDFAVYCOQ YGSSPRTFGQ GTKLEIK
CDR2
CDR3

PRINTED DRAWN
AS ORIGINALLY F.

CDR1
AELTQSPATL SVSPGERASL SCRASQSYGN NLAWYQQKPG QAPRLIYG NIRATGTPDR FSGSGGTEF TLTISIQSE DFAVYCOH ISTWPLTFGGG TKVEFK
CDR2
CDR3

FIGURE 2D (L3, LIGHT CHAIN) [SEQ ID NO.: 1]

BEST AVAILABLE COPY

FIGURE 2A (1:5, LIGHT CHAIN) [SEQ ID NO.: 1]

CDR1
AELTQSPGTL SLSPGERATL SCRASOSYSS NYLAWYQORP QAPRLIIYG ASSRATGIPD RFSGSGGTD FTLTISRLEP EDFAVYVCOL YGNSRWTFGQ GTKVEIK
CDR2
CDR3

CDR1
AELTQSPATL SLSPGERATL SCRASOSYVNK YLAWYQQKPG QAPRLIIYDA SNRATGIPAR FSGSGGTDF TLTISNLEPE DFAVYVCQOR SDWVTFGGGT KVEIK
CDR2
CDR3

FIGURE 2B (1:7, LIGHT CHAIN) [SEQ ID NO.: 1]

BEST AVAILABLE COPY

FIGURE 1E (L1, HEAVY CHAIN) [SEQ ID NO.:]

EVQLLESGGG VQPGRLRL SCAASGFTFS ^{CDR 1}AYGMHWVRQA ^{CDR 2}PGKGLEWVAG IWFEGSNQYYSDSYKGRFTV -
^{CDR 3}SRDNSRNTLF LQMNSLRPED TAVYCATFV LFGSIKGRYY LENWGQGTLVTSS

FIGURE 1F (A8, HEAVY CHAIN) [SEQ ID NO.:]

EVQLLESGPG LVKPSGTL SL TCTVSGGSIR ^{CDR 1}SSHWWSWVRQ ^{CDR 2}PPGKGLEWIG EVFEESGSIYNP SLNDRVFM -
^{CDR 3}SVDKSKDQVS LRLSSVTAAD TAVYCARSP IKMNQGRMML DAFDIWGQGTLVIVSS

FIGURE 1G (A12, HEAVY CHAIN) [SEQ ID NO.:]

EVQLLESGSE VKKPGSSVKV SCRASGGSFR ^{CDR 1}SYNFENWVRQA ^{CDR 2}PGQGLEWMGG IIPMEGTANYAQKEQGRVTI -
^{CDR 3}TADESTATGY MELSSLRSED TAVYCAMPY PKHCSRSGSCW GWFDPWGQGTLVTSS

BEST AVAILABLE COPY

FIGURE 1C (1:11, HEAVY CHAIN) [SEQ ID NO.: 1]

EVQLLEQSGA EVKPGSSVK VCKASGGTF SGHVSWRQ APOGLEWNG GSISEGTSLSAOKEGRVS ITADEASTA YMESSLRSE DTAIYCAKDPPRECSGGNCYPGFEQWQ GTILVTSS

CDR1

CDR2

CDR3

EVQLLESGG VQPCRSRL SCAASGTFK IYGMHWYRQA PGKGLEWVAGISEDGSNOYIADSVKGRFV SRDNSRDTVF LQMSSLRLED TAVYCATGSPFGSIKGRY YLENWGQGTI VTVSS

CDR1

CDR2

CDR3

FIGURE 1D (L3, HEAVY CHAIN) [SEQ ID NO.: 1]

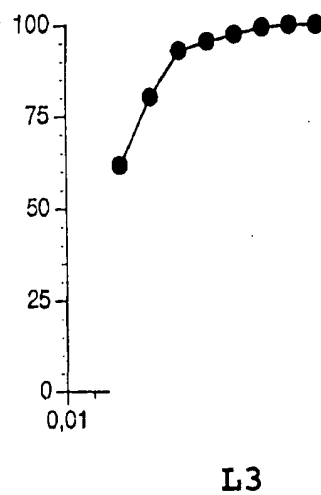
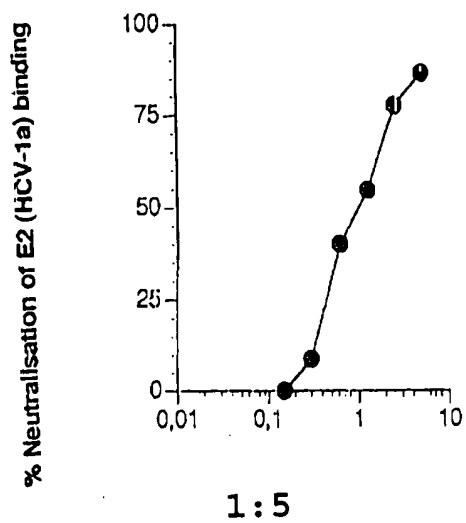
BEST AVAILABLE COPY

FIGURE 1A (1:5, HEAVY CHAIN) [SEQ ID NO.: 1]

EVQLLEQSGA EVRKPGSSVK VSCKASGGTF SGHVTITWRQ AFGQGLEWMG ^{CDR1}ESPIEGSAN YAONYAOKER ^{CDR2}DRVSIADTS TSTSFIELN LRSDDTAVVY CARDPPRYCS ^{CDR3}AGRCYPGEFQ QWVGQGLTVTVSS

EVQLLEQSGA EVKKPGSSVK VSCQVFGDTF SRTTIQWLRLQ AFGQGPENVIG ^{CDR1}NIPVYNTIPN ^{CDR2}YAOKEQGRIS ITADDSTSTA YMEISSLRSE DTAVYFCARV ^{CDR3}VIPNAIRHTM GYIEDYVWGQGLTVTVSS

FIGURE 1B (1:7, HEAVY CHAIN) [SEQ ID NO.: 1]



1:7

1:11

FIGURE 5

FIGURE 4E (L1, HEAVY CHAIN) [SEQ ID NO.: ____]

GAGGTGCAGC TGCTCGAGTC TGGGGGAGGC GTGGTCCAGC CTGGGAGGTC CCTGAGACTC TCCTGTGCAG
CGTCTGGATT CACCTTCAGT GCCTATGGCA TGCACCTGGT CCGCCAGGCT CCAGGCAAGG GGCTGGAGTG
GGTGGCAGGT ATATGGTTTG ATGGAAGTAA TCAATACTAT TCAGACTCCG TGAAGGGCCG ATTCACCCGTC
TCCAGAGACA ATTCAGAGGA CACGCTGTTT CTGCAAAATGA ACAGCCTGAG ACCGAGGAC ACGGCTGTCT
ATTACTGTGC GACAGAGGTA CTTTTTGGAT CGATTAAAGG GCGTTACTAC CTTGAAAACCT GGGGCCAAGG
AACCCCTGGTC ACCGTCTCCT CA

FIGURE 4F (A8, HEAVY CHAIN) [SEQ ID NO.: ____]

GAGGTGCAGC TGCTCGAGTC GGGCCCAGGA CTGGTGAAGC CTTCGGGGAC CCTGTCCCTC ACCTGCACTG
TCTCTGGTGG CTCCATCAGG AGCAGTCACT GGTGGAGTTG GGTCGCCAG CCCCAGGGA AGGGAAGTGA
GTGGATTGGA GAAGTCTTTT TTAGTGAAG CACCATCTAC AACCCATCCC TCAAGGATCG AGTCTTCATG
TCTGTAGACA AGTCCAAGGA CCAGGTCTCC CTGAGGCTGA GCTCTGTGAC CGCCGCGGAC ACGGCCGTGT
ATTACTGTGC GAGATCCCCC ATAAAAATGA ATCAGGGAAG AATGATGTTG GATGCCCTTG ATATCTGGGG
CCAGGGGACA CTCGTCACTCG TCTCTTCC

FIGURE 4G (A12, HEAVY CHAIN) [SEQ ID NO.: ____]

GAGGTGCAGC TGCTCGAGTC TGGGTCTGAG GTGAAGAAGC CTGGGTCTTC GGTGAAGGTC TCCTGCAGGG
CCTCTGGAGG CAGCTTCAGA AGCTACAATT TCAATTGGGT GCGACAGGCC CCTGGACAAG GTCCTTGAGTG
GATGGAGGC ATCATCCCTA TGTTCCGGAAC AGCAAACTAC GCACAGAGT TTCAGGGCAG AGTCACAATT
ACCGCGGACG AATCCACGGC CACAGGCTAC ATGGAGTTGA GCAGTCTGAG ATCTGAAGAC ACGGCCGTTT
ATTACTGTGC GATGCCCTAT CCAAAACATT GCAGTCGTGG AAGTTGCTGG GGCTGGTTCC ACCCCTGGGG
CCAGGGAACT CTGGTCACCG TGCTTTCA

BEST AVAILABLE COPY

FIGURE 4C (1:11, HEAVY CHAIN) [SEQ ID NO. 1]

CTCGAGCAGT CTGGGGCTGA GGTGAAGAAG CCTGGGTCTT CAGTGAAGGT CTCCTGCAAG GCTTCTGGAG
GCACCTTCAG CGGCCATGTT ATCAGCTGGG TCCGACAGGC CCTGGACAA GGGCTTGAGT GGATGGGGGG
GAGTATCTCT TTCCTTGGCA CATCAAACTC CGCACAGAAAG TTCCAGGGCA GAGTCTCGAT TACCGCGGAC
GAATCCGGCA GCACAGCCTA CATGGAGCTG AGTAGCCTGA GATCGGAGGA CACGGCCATC TATTACTGTG
CGAAAGACCC TCCAAGATTT TGTAGTGGTG GTAACCTGCTA CCCGGGGTTC TTCCAGCAGT GGGGCCAGGG
CACCTGGTC ACCGTCTCTCT CA

FIGURE 4D (L3, HEAVY CHAIN) [SEQ ID NO.: 1]

CTCGAGTCGG GGGGAGGGCT GGTCCAGCCT GGGAGGTCCC TGAGACTCTC CTGTGCAGCG TCTGGATTCA
CCTTCAAGAC GTATGGCATG CACTGGGTCC GCCAGGCTCC AGGCAAGGG CTGGAGTGGG TGGCAGGTAT
TTCGTTTGAT GGAAGTAACC AATATTACGC AGACTCCGTG AAGGGCCGAT TCATCGTCTC CAGAGACAAT
TCCAGGGACA CGGTGTTTCT GCAGATGAGC AGCCTGAGAC TCGAGGACAC GGCTGTCTAT TACTGTGCGA
CAGAGGGTTC TCCTTTTGGC TCGATTAAAG GCGGTACTA CCTTGAAAT TGGGGCCAGG GAACCTGGT
CACCGTCTCC TCA

BEST AVAILABLE COPY

FIGURE 4A (1:5, HEAVY CHAIN) [SEQ ID NO.:]

CTCGAGCAGT CTGGGGCTGA GGTGAGGAAG CCTGGGTCCT CGGTGAAGGT CTCCTGCAAG GCCTCTGGAG
GCACCTTCAG CGGCCATGTT ATCACCTGGG TCGACAGGC CCTGGACAA GGACTTGAGT GGATGGGAGA
GAGCATCCCT ATCTTTGGT CCGCAAACTA CGCTCAAAAC TACGCTCAGA AATTCGGGA CAGAGTCTCG
ATTATCGCGG ACGAATCCAC GAGCAGCTCG TTCAATTGAGC TGAGCAACCT GAGATCTGAC GACACGGCCG
TCTACTACTG TCGGAGAGAC CCTCCAAGAT ATTGCAGTGC TGGTAGATGC TACCCGGGAT TCTTCCAGCA
GTGGGGCCAG GGCACCCCTCG TCACCGTCTC CTCA

CTCGAGCAGT CTGGGGCTGA GGTGAAGAAG CCTGGGTCCT CGGTGAAGGT CTCCTGTCAG GTTTTGGAG
ACACCTTCAG CAGATACACT ATTCAGTGGT TCGACAGGC CCTGGACAA GGCCCTGAGT GGATGGGAAA
TATCATCCCT GTCTATAATA CACCAAACTA CGGCAGAAG TTTCAGGGA GACTCTCGAT AACCGCCGAC
GATTCACGA GCACAGCCTA CATGGAACCTG AGTAGCCTCA GATCTGAGGA CACGGCCGTC TATTCTGTG
CGAGAGTCGT AATACCAAT GCAATCCGGC ACACGATGGG ATATTACTTT GACTACTGGG GCCAGGGAAC
CCTGGTCACC GTCTCCTCA

FIGURE 4B (1:7, HEAVY CHAIN) [SEQ ID NO.:]

BEST AVAILABLE COPY

FIGURE 3E (L1, LIGHT CHAIN) [SEQ ID NO.:]

GAGGTGCAGC TGCTCGAGTC TGGGGGAGGC GTGGTCCAGC CTGGGAGGTC CCTGAGACTC TCCTGTGCAG
CGTCTGGATT CACCTTCAGT GCTTATGGCA TGCACCTGGGT CCGCCAGGCT CCAGGCCAAGG GCGTGGAGTG
GGTGGCAGGT ATATGGTTTG ATGGAAGTAA TCAATACTAT TCAGACTCCG TGAAGGGCCG ATTCACCGTC
TCCAGAGACA ATTCAGGAA CACGCTGTT CTGCAATGA ACAGCCTGAG ACCCGAGGAC ACGGCTGTCT
ATTACTGTGC GACAGAGGTA CTTTGTGGAT CGATTAAAGG GCGTTACTAC CTTGAAAACT GGGGCCAAGG
AACCCTGGTC ACCGTCTCCTCA

FIGURE 3F (A8, LIGHT CHAIN) [SEQ ID NO.:]

GCGGAGCTCA CCCAGTCTCC ATCGTCCCIG TCTGCATTG TNGGAGACAG AGTCACCATC ACTTGCCGGG
CAAGTCAGAG TATTAGCAGG AACTTAAAT TGGTATCAGCA GAAACCAGGG ACAGCCCCCTA AGGTCCTGAT
CTATGCTGCA TCCAGTTTGC AAGTGGGGT CCAATCGAGG TTCAGTGGCA GTGGATCTGG GACAGATTTC
ACTCTACCA TCACCACTCT GCAACCTGAA GATTTTGCA CTTACTATTG TCAACAGAGT TACACAACCC
CTCGGACGTT CGGCCAAGGG ACCAAGGTGG AAGTCAAA

FIGURE 3G (A12, LIGHT CHAIN) [SEQ ID NO.:]

GCGGAGCTCA CGCAGTCTCC AGGCACCCTG TCTTTGTCTC CAGGGGAAAG AGGCACCCTC TCCTGCAGGG
CCAGTCAGAG TCATTAGCAGC AAATACTTAG CNTGGTACCA ACAGAAACCT GGCCAGGCTC CCAGGCTCTT
CATTATGAT GCATCCAGCA GGGCCACTGG CATCCAGAC AGGTTCAAGT GCAGTGGGTG TGGGACAGAC
TTCAGTCTCA GCATCAGCAG ATTGGAGCCT GAAGATTTTG CAGTGATTA CTGTCAGCAG TATGGAAACAC
CTCGCACCTT CGGCCAGGGG ACCAAGGTGG AAATCAAA

BEST AVAILABLE COPY